

REMARKS

As a preliminary matter, applicants request acknowledgement of the Form PTO-1449 filed March 29, 2004. A duplicate copy of the form is enclosed for the examiner's convenience.

Claims 1-4 and 7-8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Buzbee (USPN 5,815,720) in view of Trimberger (USPN 5,752,035). In response, applicant amended independent claims 1, 3, and 7 to clarify that when a number of values assigned to the variables is larger than a number of items in the record, if a value assigned to the variables has been registered into the record, then a registration number of a value being registered into the record is incremented by one. Furthermore, if the value assigned to the variables has not been registered into the record, a value having a least registration number in the record is cleared and the value assigned to the variables is newly registered into the record with registration number one. Applicant respectfully traverses the rejection based on these amendments.

Buzbee is directed to the use of dynamic translation to collect and exploit run-time information in an optimizing compilation system. In order to produce optimized object code for an application, source code for the application is compiled to produce first object code for the application. However, Buzbee fails to disclose or suggest when a number of values assigned to the variables is larger than a number of items in the record, if the values assigned to the variable has not been registered into the record, a value having the least registration number in the record being cleared and the value assigned to

the variables being newly registered into the record with registration number one.


Trimberger is directed to a method for compiling and executing programs for a reprogrammable instruction set accelerator. In the outstanding rejection, the examiner asserts Trimberger discloses a technique in which most commonly used instructions are measured, which runs on a fixed execution unit and is bounded by size. Thus, the examiner asserts that Trimberger teaches modifying Buzbee such that the combination would enable measuring the most commonly executed variables. However, Trimberger fails to disclose or suggest when a number of values assigned to the variables is larger than a number of items in a record, if a value assigned to the variables has been registered into the record, then having a registration number of a value being registered into the record being incremented by one.

Furthermore, if the value assigned to the variables has not been registered into the record, a value having at least a registration number in the record is cleared and the value assigned to the variables is newly registered into the record with registration number one. Since Trimberger fails to disclose or suggest these features, any combination of Trimberger and Buzbee also fails to disclose or suggest these features. For this reason, withdrawal of the § 103(a) rejection is respectfully requested.

For all of the foregoing reasons, applicant submits that this application is in condition for allowance, which is respectfully requested. The examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

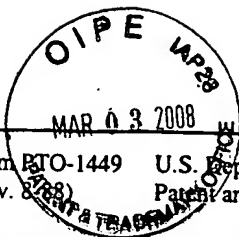
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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Manabu Matsuyama

Filing Date: March 29, 2004

Group:

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	11-149380	June 2, 1999	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.